

09/17/03

PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	Not yet assigned (Division of 10/326,978, filed December 24, 2003)
				Filing Date	Even date herewith
				First Named Inventor	Yasuko FUKUZAWA
				Art Unit	2182
Examiner Name	Tanh Q. Nguyen				
Attorney Docket Number	500.36172VC4				
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
TQA	AA	US- 4,768,150		08/30/1988	Chang et al.	
	AB	US- 4,864,492		09/05/1989	Blakely-Fogel et al.	
	AC	US- 4,941,084		07/10/1990	Terada et al.	
	AD	US- 4,947,367		08/ /1990	Chang et al.	
	AE	US- 5,051,887		09/24/1991	Berger et al.	
	AF	US- 5,155,845		10/13/1992	Beal et al.	
	AG	US- 5,251,318		10/05/1993	Nitta et al.	
	AH	US- 5,261,080		11/09/1993	Khoyl et al.	
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	AJ	US- 5,349,656		09/20/1994	Kaneko et al.	
	AK	US- 5,388,013		02/07/1995	Nakamura	
	AL	US- 5,394,534		02/28/1995	Kulakowski et al.	
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	AN	US- 5,530,819		06/25/1996	Day, III et al.	
	AO	US- 5,535,372		07/09/1996	Benhase et al.	
	AP	US- 5,546,536		08/ /1996	Davis et al.	
	AQ	US- 5,546,541		08/ /1996	Drew et al.	
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	AS	US- 5,613,100		03/18/1997	Anezaki	
	AT	US- 5,630,092		05/13/1997	Carreiro et al.	
	AU	US- 5,655,140		08/05/1997	Haddock	
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AZ	US- 5,708,828		01/13/1998	Coleman		
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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ³ -Kind Code ⁴ (if known)					
TQN	BC	JP-04-326420		11-16-1992			
TQN	BD	JP-07-152491		06-16-1995			

Examiner Signature	<i>Chynguey / [Signature]</i>	Date Considered	06/03/2004
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				Application Number	Not yet assigned (Division of 10/326,978, filed December 24, 2003)
				Filing Date	Even date herewith
				First Named Inventor	Yasuko FUKUZAWA
				Art Unit	2182
Examiner Name	Tanh Q. Nguyen				
Attorney Docket Number	500.36172VC4				
Sheet	2	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
TQN	BE	US-	5,734,818	03/31/1998	Kern et al.	
	BF	US-	5,745,789	04/ /1998	Kakuta	
	BG	US-	5,758,125	05/26/1998	Misinal et al.	
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	BI	US-	5,812,843	09/22/1998	Yamazaki et al.	
	BJ	US-	5,835,939	11/10/1998	Kurokawa et al.	
	BK	US-	5,860,088	01/12/1999	Benhase et al.	
	BL	US-	5,875,479	02/23/1999	Blount et al.	
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	BU	US-	6,081,826	06/27/2000	Masuoka et al.	
	BV	US-	6,098,129	08/ /2000	Fukusawa et al.	
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	BX	US-	6,115,797	09/05/2000	Kanda et al.	
	BY	US-	6,529,976	03/ /2003	Fukuzawa et al	

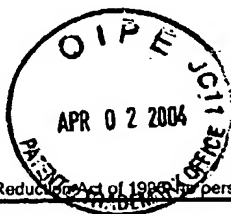
OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS				
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
TQN	BZ	IBM Technical Disclosure Bulletin, Vol. 38, No. 06, June 1995, "High Performance Cooperative Count Key Data/Fixed Block Conversion Mechanism", pp. 333-335		
	CA	IBM Technical Disclosure Bulletin, Vol. 35, No. 3, August 1992, "Centralized and Rapid Backup/Restore For Work Lan File Services/VM", pp. 286-289		
	CB	Fujitsu Scientific & Technical Journal 31 (1995) June, No. 1. Kawasaki, JP "Storage Management Software for Mainframe and UNIX", By: Keiji Suzuki, et al. pp. 36-44		
	CC	Gelb, "System-managed storage," IBM Systems Journal, Vol. 28, No. 1, 1989, pp. 77-103		

Examiner Signature		Date Considered	06/03/2004
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		Application Number	10/663,656
		Filing Date	September 17, 2003
		First Named Inventor	Yasuko FUKUZAWA
		Art Unit	2186
		Examiner Name	
Sheet 1	of 1	Attorney Docket Number	500.36172VC4

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-				
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
TQN		JP	07-114444	05-02-1995	HITACHI LTD.		
TQN		JP	06-067817	03-11-1994	FUJITSU LTD.		

Examiner Signature		Date Considered	06/03/2004
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